

To Keep the Take-Off Landing Strips (Runways) in  
Good Order, by D. Zhezlov, 4 pp.

Full tr

RUSSIAN, no per, Grazhdanskaya Aviatsiya, No 2, Feb  
1957, p 26.

ATIC F-TS-9265/III

Sci - Aeronautics

53, 502

Oct 57

A Study of the Equilibrium Equations of Thin Elastic Shells of Positive Gaussian Curvature, by V. S. Zhigentz, 16 pp.

RUSSIAN, per, Prik Mat i Mekh, Vol XXIII, No 1, 1959, pp 134-145.

PP

Sci - Math  
Oct 59

99,105

NY-1649

Treatment of Acute Radiation Sickness in Dogs By  
Drip Blood Transfusions, by A. N. Gamaleya, A. A.  
Gyurdzhyan, A. A. Zhgyn, and P. V. Simonov, 8 pp.

RUSSIAN, per, Med Radiolog, No 6, Moscow, Nov-Dec  
1957, pp 56-60.

US JPRS/NY-1439

Sci - Medicine

Dec 58

77,685-

The Use of Water Glass With Alum for Laminating  
Container Board, by M. M. Dymshchits,  
T. S. Zhibareva, 3 pp.

RUSSIAN, par, Bumazh Prom, Vol XXXIV, No 8,  
1959, pp 16-17.

SLA 60-14291

Sci  
Feb 62  
Vol III, No 11

182,821

(NY-7125)

The Use of Gas-Fueled Soldering Torches in  
Repairing Communications Cables, by S. G.  
Zhibotkhov, K. I. Yampol'skiy, 5 pp.

RUSSIAN, per, Vest Svyazi, No 5, 1962.

JPRS 14536

Sci

Jul 62

204,499

Mechanical and Electrical Engineering in General  
Educational Secondary Schools, by M. A. Zhidelyev,  
6 pp.

RUSSIAN, per. Soviet Pedagog, No 2, 1959. pp 24-34.

Internat'l Arts And Sci Press  
Vol I, No 6

USSR

Sov

Jun 59

90, 361

Quantitative Features of the Masking of a Clicking Sound by Noise in the Peripheral part of the Auditory Analyser of the Cat, by Liucog Zhi-Au, E. A. Radionova, 10 pp.

RUSSIAN, per, Fizich. Znat' SSSR imeni I. M. Sechenova, Vol XLVI, No 12, 1960, pp 1439-1446.

PP

171,020

Sci

Oct 61

N-16/64

Optimum Antenna Arrays for Determination of  
Target Position Data, by Yu. N. Zhidko, 8 pp.

RUSSIAN, per, Radiotekhnika i Elektronika, No 7,  
1964, pp 1304-1308.

JPRS/SF-3318/SPECIAL

Sci = Engr  
Sep 64

Process of Propylene, Butene and Styrene of Reduced  
Degrees of Polymerization, by 11 pp., by K. Ziegler.  
~~FRENCH~~  
BELGIAN, Patent No 551,905, 18 Oct 1956, Montecantini  
Soc Gen per L'Industria Mineraria e Chimica,

Res Infor Service

Sci

Aug 59

95, 357

Production Training in Secondary Schools, by  
M. Zhidelyev, A. Shibanov, 6 pp.

RUSSIAN, per, Shkola i Proizvodstvo, No 8, 1960.

Internl Arts & Sci Press  
Soviet Education  
Vol III, No 6

USSR

155,331

Soc

Jun 61

Urgent Problems in Production Training at Secondary Schools, by M. A. Zhidolev, 8 p.

RUSSIAN, per, Soviet Pedagogika, No 10, 1960.

Interntl Arts & Sci Press  
Soviet Education  
Vol IV, No 1

USSR

179,407

Soc

Jan 62

Production Training in the Secondary General  
Educational Polytechnic School, by M. A. Zhidkov,  
6 pp.

RUSSIAN, per, Sovet Pedagog, No 1, 1959, pp 38-48.  
<sup>9</sup>

Internat'l Arts and Sci Press  
Vol I, No 5

USSR

Soc

Jun 59

89,613

A Scheme of Speeded-Up Delivery of Hot Metal to the  
Pit Furnaces of the Blooming Mill, by V. . Kaprov  
and D. P. Zhidetskiy, 3 pp.

RUSSIAN, per, Metallurg, No 7, 1957, pp 24, 25.

Consultants Bureau

Sci - ~~Min/Mkt~~

Sep 58

72,628

(DC-6530)

Precalculation of the Course of the Levels of  
the Volga River Below the Stalingrad Hydro-  
electric Power Station by the Electromodelling  
Method, by A. G. Levin, A. P. Zhidikov, 15 pp.  
t  
RUSSIAN, per, Meteogid, No 6, 1961, pp 38-41.

JPRG 11504

Sci - Geophys  
Jan 62

178,689

The Urgent Task of the Supply Services, by  
Ye. Zhidilov. UNCLASSIFIED

RUSSIAN, par, Sovetskij Flot, 26 Jun 1958,  
p 2. CIA 64.2193

Navy Tr 1806/ONI 299

USSR  
Econ

Aug 58

67,760

The Absolute Age of the Alkaline and Nepheline  
Syenite Rocks of the Northern Baikal Upland,  
by A. Ya. Zhidkov, S. L. Mirkina, 3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science  
Sections, Vol CXLIX, No 1-6, Mar, Apr 1963.

Amer Geol Inst

Sci  
Jul 65

A Unique Deposit of Ultrapotassic Pseudoleucite  
Syenite ~~Syenite~~ Syenite, by A. Ya. Zhidkov, 4 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science  
Sci Sections, Vol CLII, Sep, Oct 1963, pp

Amer Geol Inst

Sci

Jul 65

The Age of the Last Geosynclinal Folding in the  
Baikal Highlands, by L. I. Salop, V. K. Golovenok,  
A. Ya. Zhidkov, E. A. Shalek, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIXVIII, No 4,  
1958, pp 800-802.

Consultants Bureau

Sci - Geophys

Jan 59

79, 353

Modeling of the Process of Conversion of Carbon Monoxide with Water Vapor, by V. I. Atroschchanko,  
B. A. Zhidkov, ~~pp 5 pp.~~

RUSSIAN, Per, Kinetika i Kataliz, Vol III, No 4,  
1962, pp 605-609

CB

Sci

May 63

343, 172

242 777

(NY-6720)

CHANGES IN THE ACTIVITY OF CHOLINESTERASE OF BLOOD  
SERUM UNDER THE EFFECT OF INTERNAL IRRADIATION WITH  
LOW DOSES OF RADIOACTIVE SODIUM BY L. V. ZHIDKOVA,  
13 PP.

RUSSIAN, PER, RADIobiologiya, VOL 1, NO 3, 1961,  
~~PPXXVII~~ 346-349.

JPRS 12387

SCI  
MAR 62

183,280

Skillfully Train the Young Pilots, by G. Mindov,  
5 pp.

RUSIAN, d np, Krasnaya Zvezda, No 125, 1 Jun 1956,  
p 2, Encl to IR-1052-56, AFOLIN-JAL.

AF 1022830

USSR  
Military - Training, Aviation  
Oct 1956 CIS/dex

39,406

Bottom Tray Sampler, an Apparatus for Studying the  
Benthal Organisms Carried Down by the River Current,  
by S. M. Lyakhov, L. F. xby Zhidkov, 9 pp.

RUSSIAN, bimo per, Zoologicheskiy Zhurnal, Vol. XXXII,  
No 5, 1953, pp 1020-1024.

Sci Mus Lib No 56/3261

Sci - Biology

44, 034

Zhidkov, K. FROM TEAMS TO COMPLEX MECHANIZATION BRIGADES (Or Zven'ev-k Brigadami Kompleksnoi Mekhanizatsii). 1961, 4p. PL-480 Agr. Order from OTS \$0.50 60-51063  Trans. of Tekhnika v Sel'skom Khozyaistve (USSR) 1960 [v. 20] no. 1, p. 15-17.  DESCRIPTORS: *Plants, Vegetables, Growth, *Agriculture, Automation, *Agricultural machines, Machines, USSR  Mechanization and automation in plant growing are described.  (Agriculture--Plant Cultivation, TT, v. 7, no. 4)	60-51063 I. Zhidkov, K. II. PL-480 Agr (60-51063) III. National Science Foundation, Washington, D. C.  191045  Office of Technical Services	
---	--	--

Deep Seated Thermal Acceptors in Germanium, V. A.  
Zhidkov, ~~etc.~~ 9 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 2  
1961, pp 464-475

AIP  
SOV Phys-Solid State  
Vol III, No 2

Sci  
Aug 61

166, 045

Steady State Concentration of Thermal Acceptors in  
Germanium for Different Conditions of Thermal  
Treatment, V. A. Zhidkov, ~~pp~~ 4 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 2  
1961, pp 459-463

AIP  
Sov Phys-Solid State  
Vol III, No 2

Sci  
Aug 61

166,043

A New Form of Thermal Acceptors in Germanium, by V. A.  
Zhidkov, V. E. Lashkarev, 5 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,  
No 12b, 1956, pp 1521-1525.

Columbia Tech

59,690

Sci - Physics  
Mar 58

Antenna Arrays With Distances Between Radiators  
Increasing With Arithmetic Progression, by  
Yu. M. Zhidkov, 15 pp.

RUSSIAN, psr, Iz Vysshikh Ucheb Zaved MV1560  
SSSR po Razdelu Radiofiz, Vol V, No 6, 1962,  
pp 1144-1150.

JPRS 19316

Sci - Elec

231,7<sup>th</sup>1

Jun 63

Reflexion Spectra of Coloured Scattering  
Objects, by I. Zhidkova, Z. V.

RUSSIAN, per, Zhur ~~Eksp~~ i Teoret Fiz,  
Vol XXVII, 1954, pp 458-466.

CSIRO

Sci - Phys  
Aug 62

207,439

(NY-310)

Change in Skin Permeability Under the Influence  
of Internal Irradiation with Radioactive  
Sodium, by L. V. Zhidkova, 5 pp.

RUSSIAN, par, Medit Radiolog, No 5, 1961,  
pp 60-62.

JPRG 11077

175, 292

Sci  
Dec 81

Planning of Public Funds of National Consumption  
in the USSR, by M. Zhidkov, P. Krylov, 14 pp.

RUSSIAN, per, Planovoye khozyaystvo, No 7,  
1962, pp 51-57.

JPRS 16233

USSR  
Econ  
Nov 62

217, 100

On the Influence of the Thickness of the Absorbed  
Layer on the Diffuse Reflection Spectrum From  
Absorbates, by Z. V. Zhidkova, 4 pp.

RUSSIAN, per, Optika i Spektro, Vol VII, No 3,  
1959, pp 426-431.

OSA

Sci

149,4666

Apr 61

Determination of the True Absorption Spectrum of  
Light-Dispersing Colored Objects From Their Diffuse  
Reflection Spectrum, by O. P. Girin, Z. V. Zhidkova,  
B. I. Stepanov, A. P. Ivanov, A. S. Toporets, 1 p.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz,  
Vol XVIII, No 6, 1954, pp 728. CIA C 40664

Columbia Tech Tr

Scientific - Physics 31,739 Feb 56 CTS/DEX

The Inspection of Fast-Rotating Parts of  
Spinning and Twisting Machines to Prevent  
Vibration, by A. E. Zhidovich. UNCL

RUSSIAN, per, Tekstil Prom, No 1, 1959,  
pp 89-91.

DSIR LLU RTS 1391

(5a. Od.)

Sci - Engr  
Feb 60

107 257

(DC-2800/21)

Discharged Officers, by Ye. Zhidilov, 5 pp.

RUSSIAN, np, Sovetskiy Flot, 29 Apr 1960, p 4.

JRN8 6076

U23R

Mil

129,076

Oct 60

Thiotropic Systems Based on PN-1 Unsaturated Polyester Resin and Silica Powder, by G. A. Shtraikhman, I. M. Al'shits, I. A. Zhidobina, R. G. Luchko,  
6 pp.

RUSSIAN, per, Zhur, Prik Khim, Vol XXXIII, No 11,  
1960, pp 2586-2592.

CB

170,353

Sci

Sep 61

Investigation of Internal Motions in Polyisobutylene  
by the Method of Electron Paramagnetic Resonance, by  
G. M. Zhidomirov, Yu. D. Tsvetkov, 4 pp.

RUSSIAN, per, Zhur Strukt Khim, Vol II, No 6, 1961  
pp 696-699

CB

Sci

Aug 62

213,381

Calculation of the Spin-lattice Relaxation Time for  
Radicals in Molecular Crystals, by I. V. Aleksandrov  
and G. M. Zhidomirov, 4 pp.

RUSSIAN, per Zbir Eksper i Teoret Fiz, Vol XLI,  
No 1, 1961, pp 127-132.

AIP  
Sov Phys - JETP  
Vol XIV, No 1

Sci

188,137

Mar 62

Differences in the Broadening of the Separate Hyperfine Components in Electron Paramagnetic Resonance [REDACTED] Spectra of Radicals With Several  $\alpha$ -Protons, by G. M. Zhidomirov, Yu. N. Melin, 5 pp.

RUSSIAN, per, Zbir Strukturnoi Khimii, Vol III, No 6, 1962, pp 669-675.

CB

24/3, 118

Sci -  
Nov 63

The Influence of X-Rays Irradiation Upon Immunity  
to the Causative Organisms of Gas-Gangrene and  
Tetanus, by M. N. Nechayevskaya, V. M. Zhidovtsev,  
G. P. Cherkas, et al., 5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i  
Immunobiol, Vol XXXII, No 1, 1961.

PP

Sci

May 62

194,782

Excluded from automatic declassification

The Effect of X-rays on the Agglutination  
Reaction in Animals Vaccinated Against  
Brucellosis, by V. M. Zhidovtsev, 1 pp.

RUSSIAN, per, Medit Radiolog, Vol VI, No 8,  
1961.

JPRS 12393

Sci  
Mar 62

183, 625

Process for Preparing Organic Compounds of  
Aluminum and Beryllium, by Karl Ziegler, 26pp  
GERMAN, patent 917,006, granted 15 July 54,  
pub. 31 Dec 53, inforce as of 22 Jun 51,  
SLA TT-64-30821

Sci - Chem  
June 67

328,970

Controlled Polymerization of Ethylene and  
its Homologs, by Karl Ziegler, 24pp  
GERMAN, per, Brennstoff-Chemie, Vol 35, 1954,  
pp 321-325  
SLA TT-64-20825

*Karl Ziegler*

Sci - chem  
June67

328,969

The Role of Macrokinetic Factors in Catalytic Naphthalene Oxidation Processes on Fused Vanadium Pentoxide, by G. P. Korneichuk, Ya. V. Zhigailo, V. A. Roiter.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIX, 1955, pp 1073-1079.

CIA/FDD XX-1073  
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

170, 444

Oct 61

USIB INTERNAL USE ONLY

Analysis of Pentaborane, by A. F. Zhigach, E. B.  
Kazakova, R. A. Kigel', 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIV, No 6,  
1959, pp 746, 747.

CB

Sci

Sep

127,787

B-Triethylborazole, by A. F. Zhigach, E. B. Kazakova, E  
E. S. Krongauz, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,  
No 5, Nov/Dec 1956, pp 1029-1030.

Consultants Bureau

Sci - Chem

56,700

Dec 57

Surface Impregnation of Steel With Boron From the  
Gas Phase, by A. F. Zhigach, et al.

RUSSIAN, per, Metal Termicheskaya Obra Metallov,  
No 4, 1959, pp 45-47.

HB 4572

Sci - Chem

Jan 60

105 439

The Reaction of Amines with Pentaborane, by A. V.  
Zhigach, E. B. Kazakova and I. S. Antsuov, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No  
6, 1957, pp 1655-1662.

5

Consultants Bureau

Sci - Chem

Sep 58

72,945

b

The Mechanism of Interaction of Diborane with  
Olefins, by A. F. Zhigach, V. N. Siryatskaya,  
I. S. Antonov, 3 pp.

RUSSIAN, per, Zhur Obshch, Vol XXX, No 1, 1960,  
pp 227-230.

227

CB

Sci

Feb 61

144,1026

Zhilgach, A. F.  
INVESTIGATION OF THE CHEMICAL PROPERTIES  
OF BORON HYDRIDES AND THEIR DERIVATIVES.  
[1962] 11p. 14 refs.  
Order from SLA \$1.60

63-10680

Trans. of mono. Congrès International de Chimie Pure et Appliquée (no. 10) Paris, 1957. Section de Chimie Minérale. Mem[oirs] 1958, p. 467-473.

DESCRIPTORS: \*Boron compounds, Hydrides,  
\*Organoboranes, Chemical properties, Alcohols,  
Amines, \*Pentaboranes, \*Complex compounds,  
Chemical reactions.

The reactions of pentaborane with methyl, ethyl, and  
butyl alcohols were examined. It was confirmed that  
the different alkoxylboranes and the boric acid esters  
are formed according to the relative proportions of the  
(Chemistry--Organic, TT, v. 10, no. 2) (over)

63-10680

I. Zhigach, A. F.

4239620

Office of Technical Services

Study of the Reactions of ~~Alkenes~~ Alcohols and Ketones  
with ~~IX~~ Pentaborane, by A. P. Zhigach, E. B.  
Kazakova, and R. A. Kigel, 4 pp.

Full tr

RUSSIAN, thrice-wo per, Dok Ak Nauk SSSR, Vol CVI,  
No 1, 1956, 69.

Consultants Bureau

41,482

DS14 | 631

Industrial and Exploratory Geophysical Prospecting,  
by K. F. Zhigach, 140 pp.

RUSSIAN, bk.

CB  
(\$17.50)

Sci - Geophys

Sep 62

Investigation of Carboxymethylcellulose--Stabilized  
Aqueous Alundum Suspensions for Coating by Means  
of Electrophoresis, by K. V. Zhigach and B. D.  
Luft, ~~pp. 6 pp.~~

RUSSIAN, per, *Kolloidnyi Zhur*, Vol. ~~XXIV~~ XIV, No 5,  
1962, pp. 558-564

CB

Sci

Jun 63

342, 592

Zhigach, K. F., Adel, I. B., and Gorodnov, V. D. THE EFFECT OF TEMPERATURE ON THE SWELLING PROPERTIES OF ARGILLACEOUS ROCKS. [1961] 7p. Order from ATS \$9.50	62-12108 I. Zhigach, K. F. II. Adel, I. B. III. Gorodnov, V. D. IV. ATS-80N55R V. Associated Technical Services, Inc., East Orange, N. J.
187469	
(Earth Sciences--Geology, TT, v. 7, no. 3)	
Office of Technical Services	

Some of Information and Mechanical Properties of  
Structures in Clay Suspensions, by K. S. Malinchik,  
B. G. Mister.

RUSIAN, per, Dok Ak Nauk SSSR, Vol 1932, 1952,  
1952, pp 813-815.

Assoc Tech Sv RJ-75

DSIR LLU M.1235 (loan)

Sci - Chemistry

\$6.30 (\$0.95)

Aug 54

17,137

Zhigach, K. F., ed.  
INDUSTRIAL AND EXPLORATORY GEOPHYSICAL  
PROSPECTING. Sep 62, approx. 140p.  
Order from CB \$17.50

Trans. of unidentified Russian mono. issued as the  
Transactions of the Ministry of Higher and Intermediate  
Education in the RSFSR, n.d.

DESCRIPTORS: \*Geophysical prospecting, Natural gas,  
\*Well logging, \*Neutrons, Boreholes, \*Rock, Physical  
properties, \*Ores, Manganese, Boron, \*Seismic  
waves, Gravity anomalies, Terrestrial magnetism.

63-12125

I. Zhigach, K. F.  
II. Consultants Bureau  
Enterprises, Inc.,  
New York

AZ 591959

(Earth Sciences--Geology, TT, v. 9, no. 1)

Office of Technical Services

The Effect of Washing Liquids (Drilling Muds) on the  
Penetrability of the Core Sample, by K. F. Zhigach.

RUSSIAN, per, Neft Khoz, Vol XI, 1957, pp 62-67.

Sci - Engr Tech and Com

Apr 58

62, 3/3

A Cone-Type Rotary Viscometer, by K. F. Zhiguch, D. E.  
Zlotnik, 9 pp.

RUSSIAN, per, Zavod Lab, Vol XV, No 5, 1949, pp  
542-547.

CIA/FDD/X-1266

Also in French 5/2/1999

Scientific - Physics 10,813  
CTS/DEX

Hardness Reducers in Drilling, by P. A. Rehbinder, L. A. Schreiner, K. F. Zhigach.

RUSSIAE, bk., Colloids-Electrochemical Institute  
of the Academy of Sciences, USSR, Moscow, 1944.

Dept of Int  
US Bur of Mines  
Sta Lib  
Rolla, Missouri.  
No T-4.4-10

Sci - Engr

84, 632

Apr 59

Development of Special Grades of Carboxymethylcellulose (CMC) to Improve the Quality of Drilling (Clay) Muds and Improvement in the Technology of their Production, by K. F. Zhigach, M. Z. Finkel'shtain, T. A. Tibilova, 9 pp.

RUSSIAN; per, Izvest Vsesokh Uchebnykh Zavedeniy Neft i Gaz, No 6, 1958, pp 31-38.

ATS-48L30R

ATS R J-172

92899

Structural Viscosity of Aqueous Solutions of  
Carboxymethylcellulose, by K. F. Zhigach, M. Z.  
Finkel'shtein, I. M. Timokhin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 1-6,  
1959, pp 1025-1028.

CB

Sci  
Aug 60

124,223

The Manufacture and Use of Carboxymethyl Cellulose Ether in the National Economy, by K. P. Zhigach.  
UNCL

RUSSIAN, per, Khim Nauka i Prom, Vol II, No 1, 1957,  
pp 76-80.

Co-op Tr Scheme 642

I1. 10s. Od. in U.K.  
I2. Od. Od. elsewhere

Sci - Chem SLA:61-15373  
Sep 59

95, 820

ZHIGADLO, A.  
KANATUROVA, T.

Zavodskaya Laboratoriya, vol 10, 3 figures,  
2 tables, 1400 words; 1941.

Influence of Non-magnetic Coatings on  
Sensitivity of Magnetic Powder Analysis.

Brutcher Trans, Order No. 1166, \$ 1.70.

A-4791

Zhigal'lo, Ya. V., Shpak, L. I., Gaidel, T. P.,  
Duchinskaya, V. I., and Raksha, V. V.  
STUDY OF CHEMICAL AND PHASE TRANSFORMATIONS  
OF THE ZINC-CHROMIUM CATALYST  
FOR METHANOL SYNTHESIS. [1963] 11p  
Order from ATS \$14.50 ATS-42Q72R

Trans. of 'Khimicheskaya Promyshlennost' (USSR)  
1963, no. 1, p. 29-34.

DESCRIPTORS: Synthesis (Chemistry), \*Methanol,  
Catalysts, \*Chromium, \*Zinc, Transformations,  
Phase studies.

(Chemistry--Organic, TT, v. 11, no. 4)

TT-63-22922

- I. Zhigal'lo, Ya. V.
- II. Shpak, L. I.
- III. Gaidel, T. P.
- IV. Duchinskaya, V. I.
- V. Raksha, V. V.
- VI. ATS-42Q72R
- VII. Associated Technical Services, Inc.,  
East Orange, N. J.

108157

Office of Technical Services

(NY-6994)

Organization of the Base Stations [Relay Boxes]  
in the Delivery Districts of the Mail Carriers  
in Rural Areas, by A. T. Zhigakov, 6 pp.

RUSSIAN, per, Vestnik Svykazi, No 2 (263), 1962.

JPRS 13870

Sci

Jun 62

197,507

(NY-6813)

Toward New Imposing Tasks, by V. I. Stepanov,  
N. I. Bobrovnikov, V. F. Zhigalin, ~~110 pp.~~  
110 pp.

RUSSIAN, bk, Moskovskiy Rabochiy, 1961,  
pp 2-160.

JPRS 12601

USSR  
Econ  
Feb 62

183, 780

J. M. Bondarev, Z. V. Busker, Iu. E. Shigalitsa,  
5 pp.

RUSIAN, per, byul Ekspres Biol i Med, Vol KLCV,  
Ec 8, 1957, pp 114-117.

Consultants Bureau

Sci - Medicine  
Jul 58

66,234

The Regulatory Mechanism of the Quantity and Phagocytic Activity of Leukocytes, by I. M. Bondarev, L. I. Zhigalina, 8 pp.

RUSSIAN, bk, Nervnaya Regulyatsiya Immunogeneza, 1958.

OTS 60-51069  
PL-480

Sci - Med

Apr 61

PST No 124

146,180

The Role of Nonspecific Stimulation of the Nervous System in Certain Immunological Reactions, by L. I. Zhigalina, 15 pp.

RUSSIAN, bk, Nervnaya Regulyatsiya Immunogeneza, 1958.

OTS 60-51069  
PL-480

Sci - Med

Apr 61

146,281

PST No 124

The Effect of Antigen on the Carotid Sinus Receptors  
With Reflex Production of Antibodies Pharmacodynamically  
Analyzed, by A. N. Gordienko, V. I. Kiseleva,  
B. A. Saakov, I. M. Bondarev, L. I. Zhigalina, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIV,  
No 11, 1957, pp 72-75.

Consultants Bureau

Sci - Medicine  
Jul 58

66,199

The Reflex Production of Antibodies Caused by  
the Injection of Antigens Into the Isolated  
Spleen, by A. N. Gordienko, V. I. Kiseldva,  
B. B. Saakov, R. B. Tsynkalovsky, Ya. I.  
Azhipa, A. V. Letyen, A. I. Egorov, I. M.  
Bomdiarev, L. I. Zhigalina, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIII,  
No 4, 1957, pp 80-82.

Consultants Bureau

Sci - Med

May 58

64,437

Vibrators for Soil Compaction, by A. T.  
Zhilov.

RUSSIAN, per, Mekh Stroitel, Vol XI, No 10,  
1954, pp 17-21.

Coop Trans Sch 163  
L2. (5s.0d.)

Sci - Engineering

30,897

Zhilalov, L. N.

SOME PECULIARITIES OF VARIATIONS IN THE  
VERTICAL COMPONENT OF THE MAGNETIC FIELD  
OF THE EARTH IN THE ARCTIC OCEAN, Dec 63.  
7p 4refs N64-11661.

Order from OTS \$1.75 in NASA-TT-F-105 (p. 36-42)

Trans. from [Zemnoi Magnetizm i Zemnye Toki:  
Sbornik Statei] (USSR) 1960, no. 4. (Abstract available)  
Another trans. is available from NRC as NRC-C-3856,  
DSIS-T-358-R, Oct 61, 4p.

DESCRIPTORS: \*Arctic Ocean, \*Terrestrial magnetism,  
Magnetism, Measurement, Periodic variations,  
Weather stations, Marine geophysics

The material of geomagnetic observations of the North  
Pole-6 drifting station has been considered together  
with the material of the USSR high latitudinal Arctic  
geomagnetic observatories. It is detected that far from  
(Earth Sciences--Meteorology, TT, v. 11, no. 6) (over)

TT-64-11502 (p. 36-42)

- I. Zhigalov, L. N.
- II. NASA-TT-F-105 (p. 36-42)
- III. N64-11661
- IV. National Aeronautics and  
Space Administration,  
Washington, D. C.

1-73753

Office of Technical Services

Some EM Features of the Variation of the Geo-magnetic Vertical Component in the Arctic Ocean, by L. N. Zhigalov.

RUSSIAN, bk, Mezhdunarodnyy Geofizicheskiy God, 1960 Otdel. 3 sb. 4.

NLL M. 4712

Sci ~ Geophys  
Jun 62

NARCC C-3236

201, 033

NFT Re:S: 8731.9 1963 (105) (40mm)

The Distribution of Magnetic Activity in a  
Narrow Sector of Longitudes in the Eastern  
Arctic, by L. N. Zhigalov, N. N. Zhigalova,  
6 pp.

RUSSIAN, per, Geomagnet i Aeron, Vol I, No 1,  
1961.

AGU

Sci

Jan 63

220,476

(NY-6686)

On the Daily Course of the Polar Aurorae  
and Magnetic Activity at the Drifting Sta-  
tions SP-6 and SP-7 During 1957-1958,  
by E. S. Moiseyev, L. N. Zhigolov, 5 pp.

RUSSIAN, bk., Issledovaniya Polaryakh  
Siyaniy, IGY Program, Part IV, No 4,  
1960, pp 20-24.

JPRS 10929

Sci - Geophys  
LSC 51

175, 583

Soldier's Mess Hall, by Lt Col N. Zhigalov, 4 pp.  
ID 205/386)

RUSSIAN, per, Sov Zdrav, No 6, 1957, pp 16, 17.

ACS, I, G-9027

USSR  
Mil

49, 821

Jul 57

Some Peculiarities of Variations in the Vertical Component of the Magnetic Field of the Earth in the Arctic Ocean by L. N. Zhigulev, Tep

ISSN1061-933X, M., Geomagnitizye Vozmishchenny, Sovetsk  
Statey, EME Program, Section III, No 4, 1960  
Academy of Sciences, USSR. 9216579

NASA TT F-105

Sci-Earth Sci & Astron  
Jan 64

246, 195

Sulfur in Thiolignins, by Yu. V. Zhigalov, D. V. Tishchenko, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXV, No 1,  
1962, pp 147-152.

CB

Sci

Jun 1963

233,919

Oxygen Depolarisation Rate in Atmospheric  
Corrosion of Metals, by I. M. Rosenfeld,  
A. A. Zhigalova, 6 pp.

MISSIAN, rev; Dok Ak Nauk SSSR, fiz Khim;  
Vol MCIX, No 1, 1954, pp 137-140.

CSIR Tr No 255

Sci - Chem

234,322

Jun 63

The Distribution of Magnetic Activity in a  
Narrow Sector of Longitudes in the Eastern  
Arctic, by L. N. Zhigalov, N. N. Zhigalova,  
6 pp.

RUSSIAN, per, Geomagnet i Aeron, Vol I, No 1,  
1961.

AMU

Sci

220,476

Jan 63

Dispersed State of a Silver Iodine Aerosol,  
by Vr. N. Balabanova, T. N. Zhigalevskaya,  
4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz,  
No 3, 1962, pp 443-446.

AGU

Sci  
Sep 62

210,597

Sensibilite Absolute De La Determination Des Terres Rares. (Absolute Sensitivity of the Determination of the Rare Earths), by T. N. Zhilalovskaya (Jigalovskia), 3 pp.

FRENCH from RUSSIAN, per, Iz Akad Nauk SSSR, Ser Fiz, Vol XIX, 1955, pp 115.

Reverse Translation  
AEC/CIA-Tr-R590

On the Absolute Sensitivity in Determining Rare-Earth Metals, by T. N. Zhigalovskaya, 2 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Ser Fiz, Vol XIX,  
No 1, 1955, pikk p 115. CIA C 42053

Columbia Tech Tr

34, 692

Scientific - Physics  
May 56 CBS/dex

Noise of Cyclic Magnetic Reversals in Ferrites at  
Low Temperatures, by G.P. Zhigal'ski and V.V. Potemkin,  
6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXIII, No 10,  
1963, pp ;274-1280.

Amer Inst of Phys  
Sov J Phys - Tekh Phys  
Vol VIII, No 10

Sci

Apr 64

255,906

CRYSTALLIZATION OF SUPERCOOLED WATER BY SILVER  
IODIDE, BY V. N. BALAVANOVA, T. N.  
ZHIGALOVSKAYA, 5 PP.

RUSSIAN, PER, 18 AK Nauk SSSR, Ser Geo, No 10,  
1962, pp 1453-1455.

JPRS 16711

SCI - GEOPIRS

DEC 62

210,473

Nitrogen Content of Derivatives of Diborane, by  
A. F. Zhigan, et al.

RUSSIAN, no per, Uspekhi Khim, Vol XXV, No 10, 1956,  
pp 1267-1281.

Tech and Comm  
\$140.00

Sci - Chem  
Aug 57

51,032

Copy Translated  
(ok)

(NY-4856)

Strengthening Our Friendship With the  
Communications Personnel of Japan, ~~EXPRESS~~ by  
V. A. Zhiganov, 17 pp.

RUSSIAN, per, Vestnik Svyazi, No 8, 1959.

JPRS 5999

Sci

Feb 61

139, 074

Reducing the Viscosity of Heavy Drilling Mud (Clay Solution), by K. F. Zhigan, and co-workers

RUSSIAN, per, Neft Khoz, Vol XXXIV, No 3, 1956,  
pp 23-26.

Tech & Comm Tr

35.00

37, 203

USSR  
Economic  
Sci - Engineering

Aug 56

Under the Guidance of the Party to the Victory of  
Communism, by P. Zhigarev, 3 pp. UNCL

RUSSIAN, per, Grazhdanskaya § Aviatsiya, № 2, 1959,  
pp 1. 9660792

ATIC NCL-108/III

USSR  
Pol.  
Apr 59

149,706

USSR - A Great Aviation Power, by P. Zhigarev,  
3 pp. UNCLASSIFIED

RUSSIAN, np, Investiya, No 173, 20 Jul 1958,  
p 2.

AF 1187344

USSR  
Mil  
Jan 59

78,928

Aviation of the Soviet People, by P. Zhigarev,  
5 pp.

RUSSIAN, np, Izvestiya, No 154, 30 Jun 1957,  
p3, Encl to IR 1609-57, AF0IN-1A1.

AF 1120036

51,847

USSR  
Mil - Aviation  
Aeronautics  
Aug 57

Manual on Loading and Load Centering of Civil  
Air Fleet Aircraft With Gas Turbine Engines,  
by P. Zhigarev, 63 pp.

RUSSIAN, bk, Rukovodstvo po Zagruzke i  
Tsentravice Samoletov s Gazonuturbinnymi  
Dvigatelyami, 1958, 61 pp. 9671651

FTD MCL-1107/1

USSR  
Econ  
Sci - Aero, Engr  
27 Nov 61

174, 726

The Air Fleet of the Soviet Power, by P. Zhigarev,  
6 pp.

RUSSIAN, np, Pravda, 3 Jul 1955, Encel to Report  
No IR-1109-55, AFOIN-1A1, 5 Oct 1955, ~~SECRET~~  
CIA D 332649

AF 698214

USSR  
Military - Aviation

31,095  
Feb 56 CTB/DKX

Civil Aviation in 1958, by P. F. Zhigarev, 14 pp.  
UNCLASSIFIED

RUSSIAN, per, Gruzhdanskaya Aviatsiya, No 1, 1958,  
pp 1-4.

ATIC P-MS-9760/IMT

CIA 65-4353

DESR - Econ

Apr 60

112,798

<p>Zhigaev, G. N. EMPLOYING FLOWING OF SUGAR-BEET FIELDS WITHOUT A MOLDBOARD TO CONSERVE HIBER- NATING CAENOCREPIS. [1961] [4]p. Order from CTS or SLA \$1.10</p> <p>61-23713</p> <p>Trans. of mono. Biologicheskii Metod Borby s Vreditel'- yami Sel'skokhozyaistvennykh Kul'tur i Lesaykh Nazashdenii. Tezisy Dokladov (The Biological Method of Controlling Pests of Agricultural Crops and Forest Plantings, Abstracts of Reports) Kishinev, 1958, p. 17-19</p> <p>DESCRIPTORS: *Beets, *Parasites, Eggs, Beetles, Insects, Ecology, Pest control.</p> <p>Systematic plowing without a moldboard can contribute to a rise in the Caenocrepis population in nature, thus (Agriculture--Plant Cultivation, TT, v. 8, no. 3) (over)</p>	<p>61-23713</p> <p>I. Title: Caenocrepis II. Author: Zhigaev, G. N. III. Title: Biological . . . III. Translations, New York</p> <p>211982</p> <p>Office of Technical Services</p>
--	--

Control of the Larvae of Wireworms on Maize Plantings, by G. N. Zhigarev.

RUSSIAN, per, Tabak, Vol XVI, No 4, 1955,  
p 57. CIA D 507526

USDA

36,184

USSR  
Economic - Agriculture  
Scientific - Biology  
Jun 56 CIS/dex